

Check of the cosmic peek and deco mode

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Samples

Samples:

Peek mode:

```
/store/data/Run2010B/Cosmics/ALCARECO/TkAlCosmics0T-v2/000/147/623/266FE240-9BD4-DF11-8D9C-0030487C7828.root',  
'/store/data/Run2010B/Cosmics/ALCARECO/TkAlCosmics0T-v2/000/147/636/44D3D04C-B0D4-DF11-8463-003048F11942.root',  
'/store/data/Run2010B/Cosmics/ALCARECO/TkAlCosmics0T-v2/000/147/643/D2870515-C6D4-DF11-90CD-0030487CAF0E.root',  
'/store/data/Run2010B/Cosmics/ALCARECO/TkAlCosmics0T-v2/000/147/647/6ABD9C0C-E7D4-DF11-8917-0030487CD77E.root',
```

Deco mode

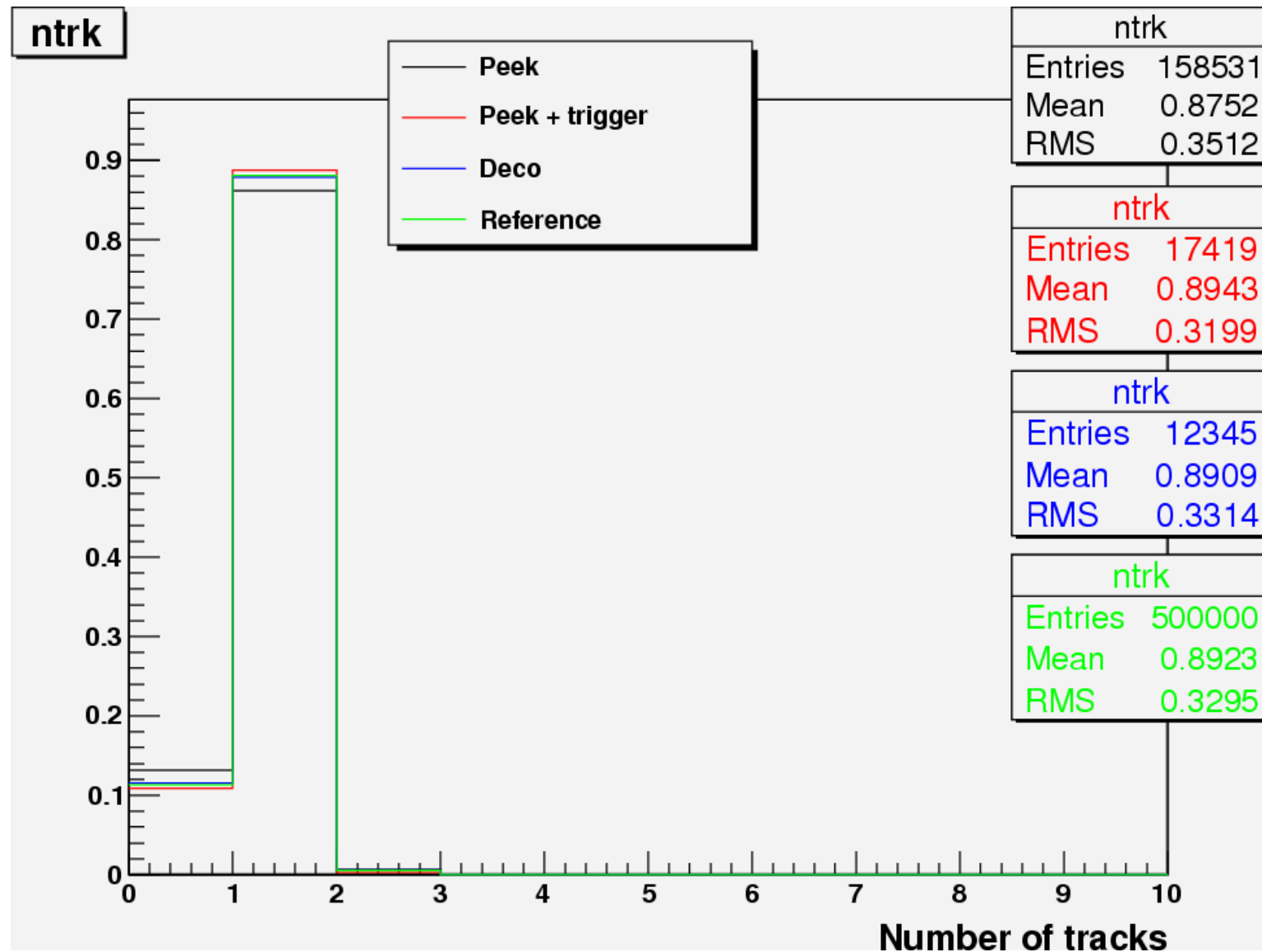
```
/store/data/Run2010B/Cosmics/ALCARECO/TkAlCosmics0T-v2/000/147/648/BA858477-1CD5-DF11-B331-0030487CD6DA.root
```

Reference sample:

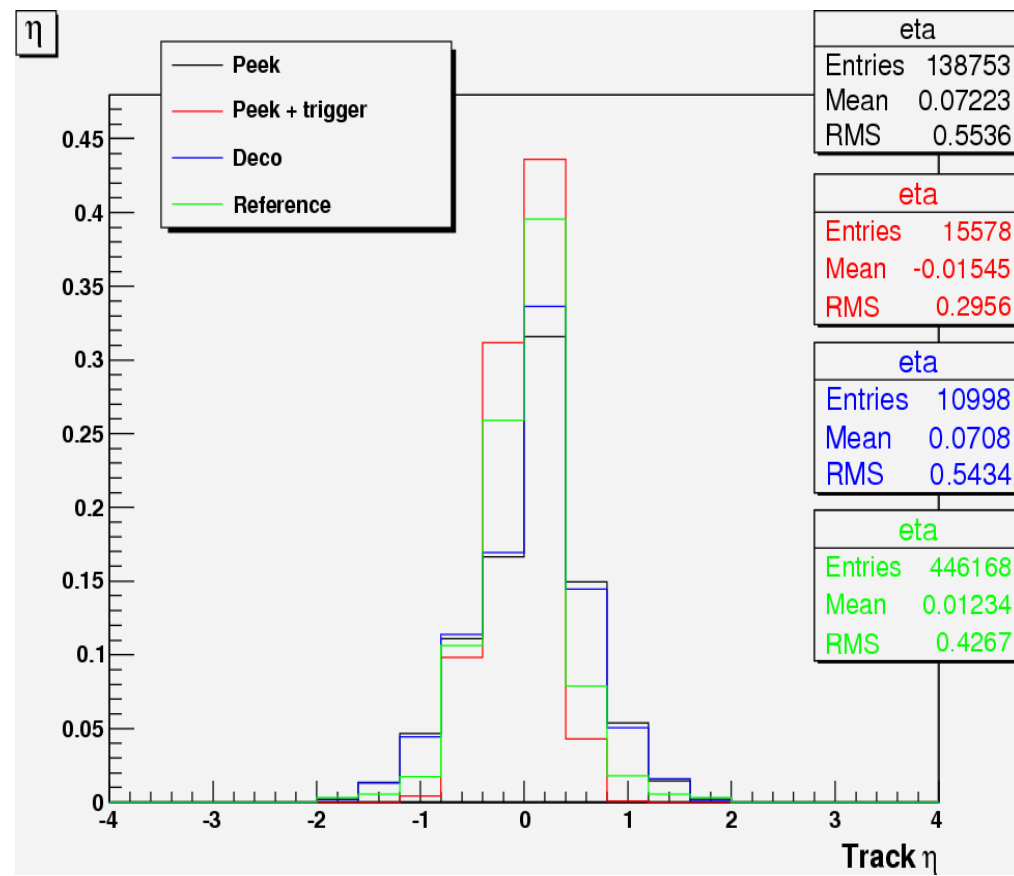
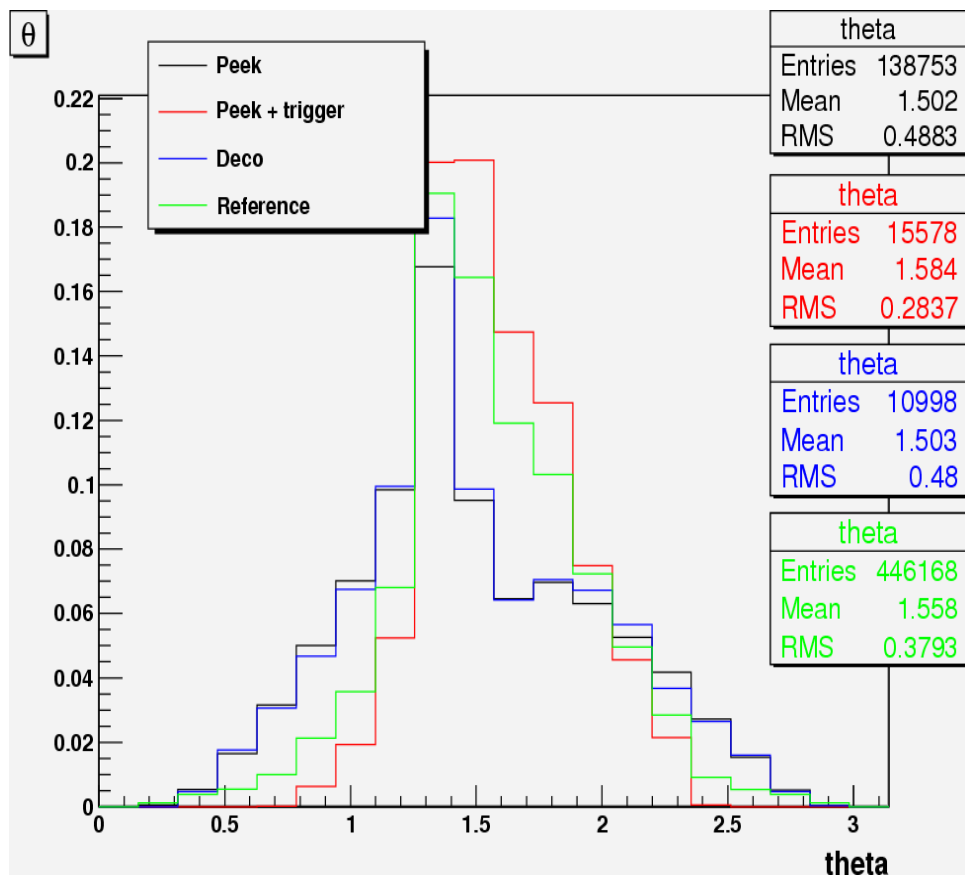
1st 500k events from DBS:

Realize CMSSW_3_8_1_patch1

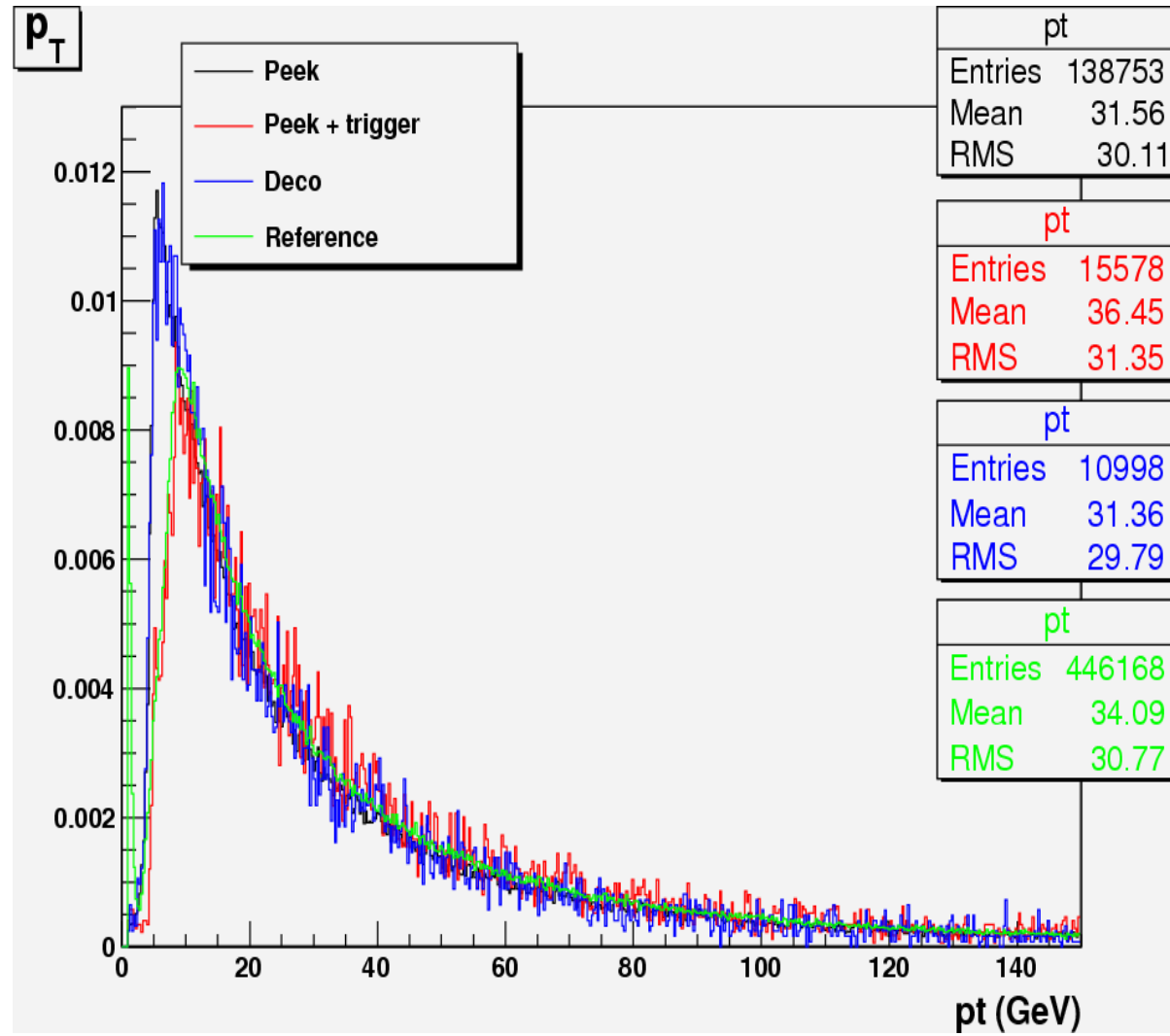
Number of tracks



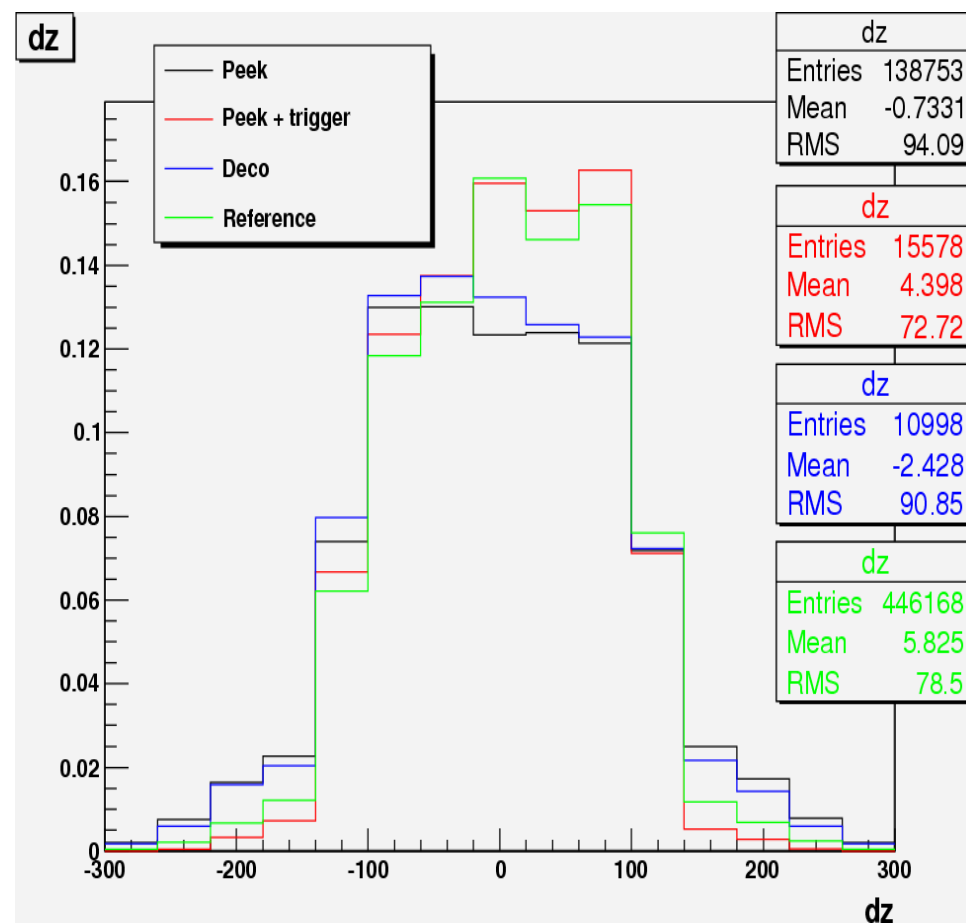
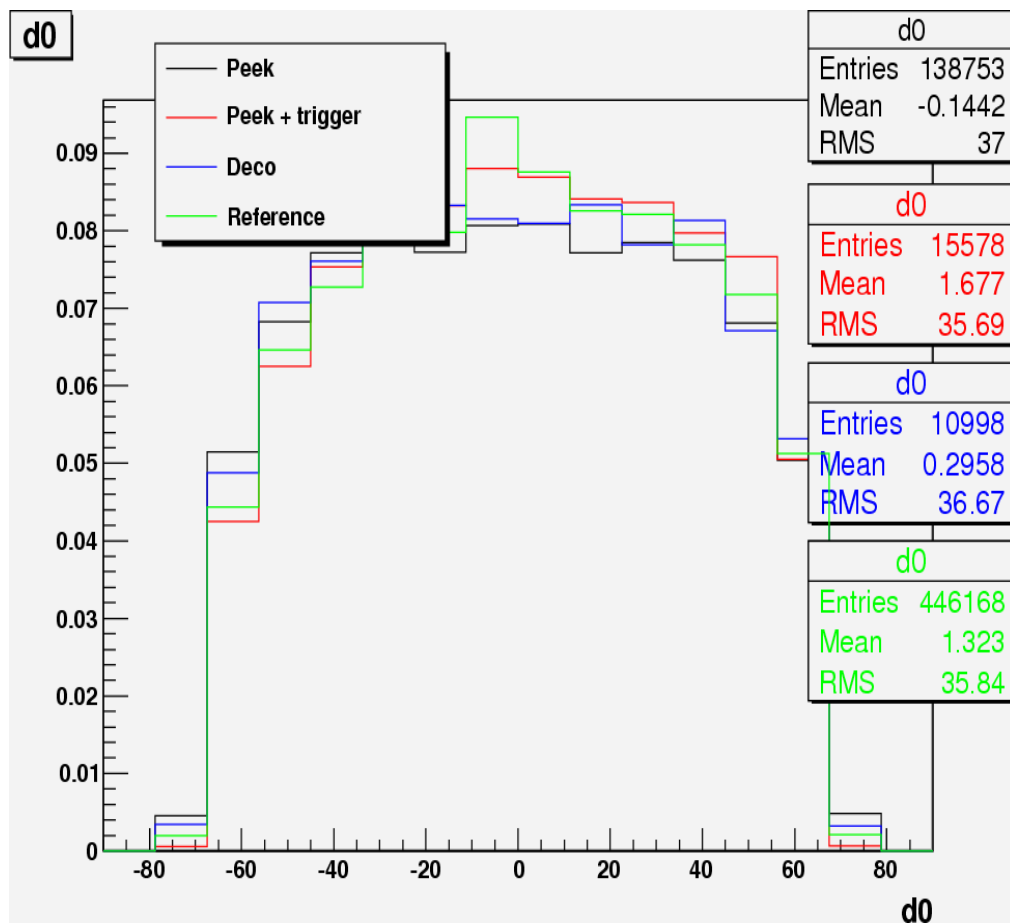
Theta, eta



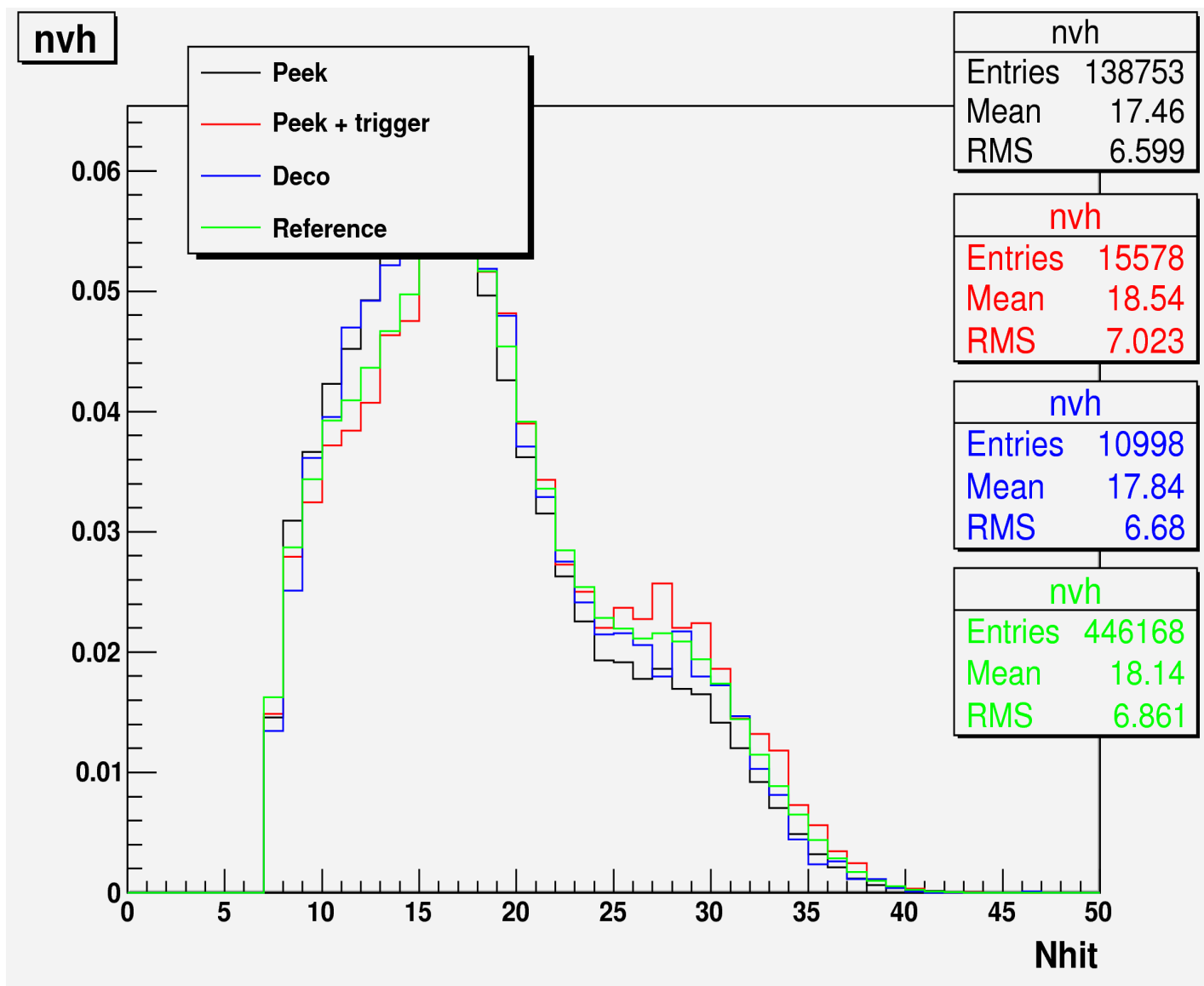
p_t



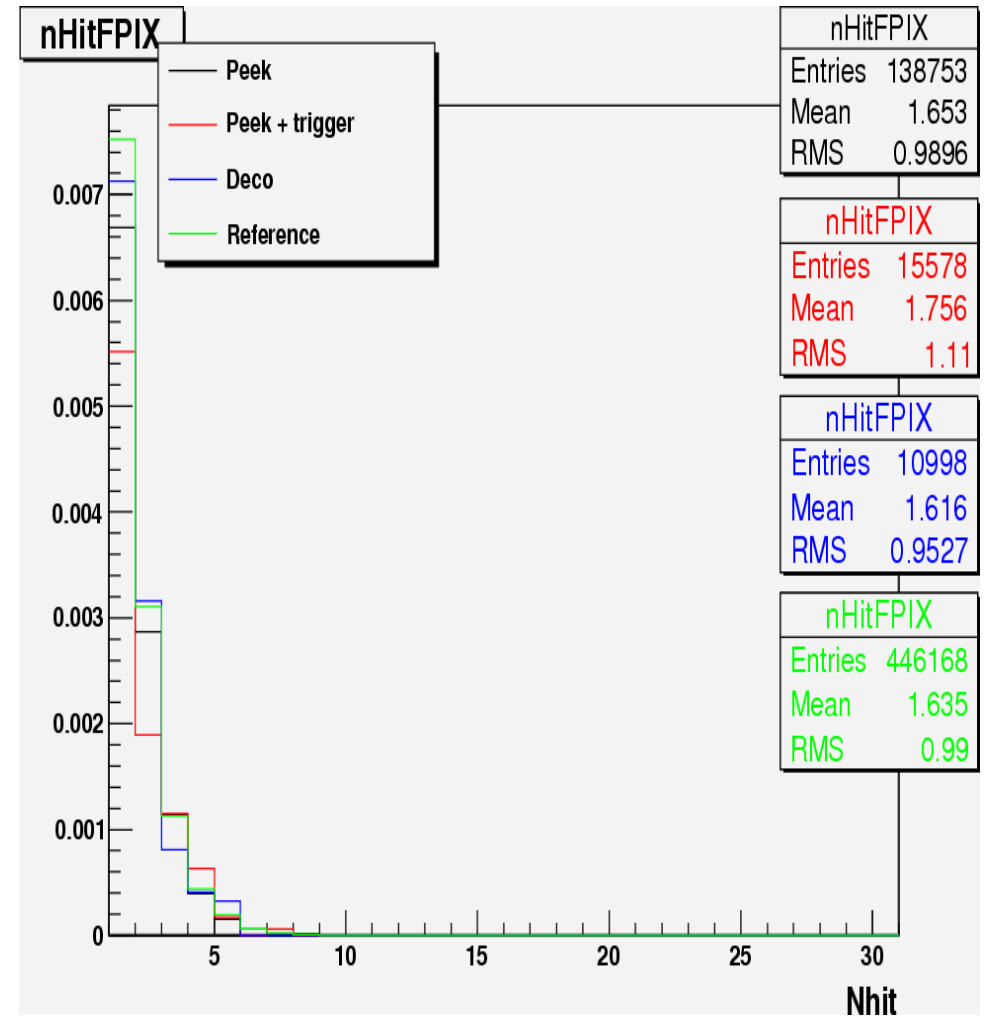
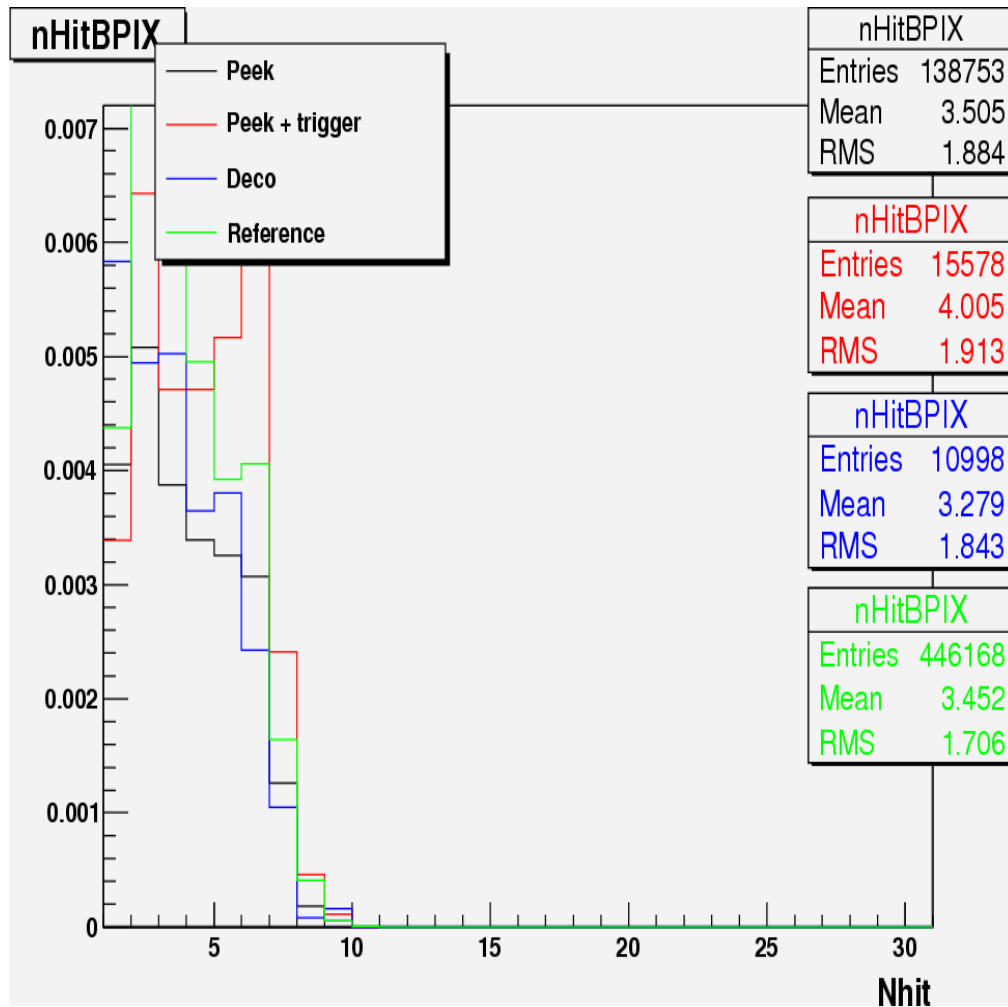
d0, dz



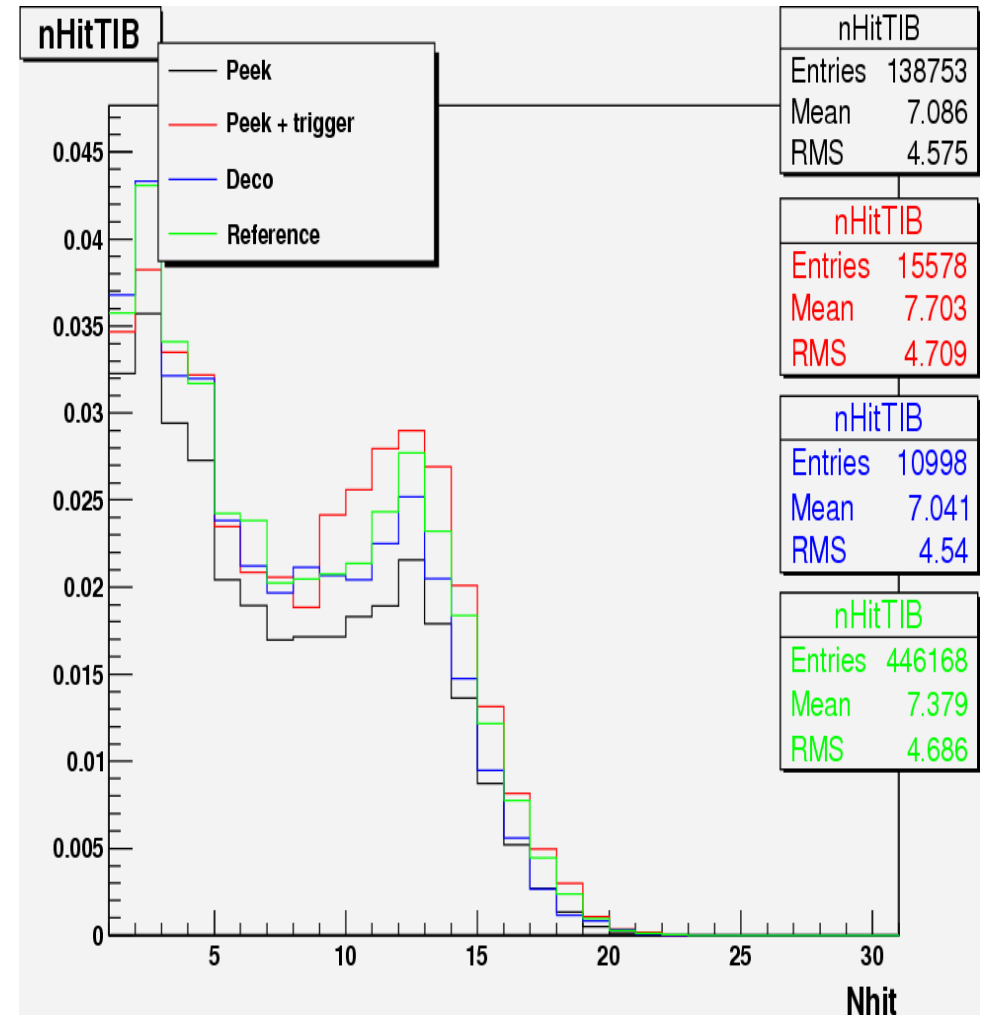
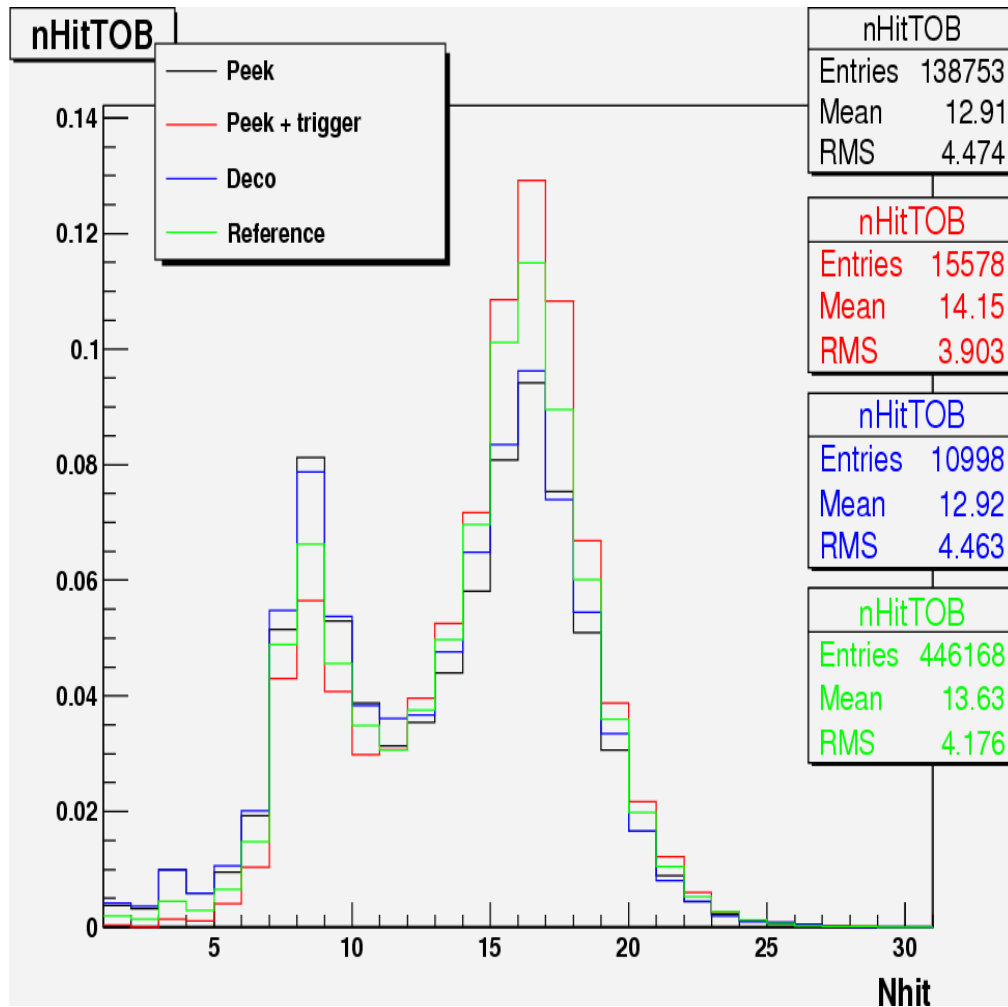
Number of hits



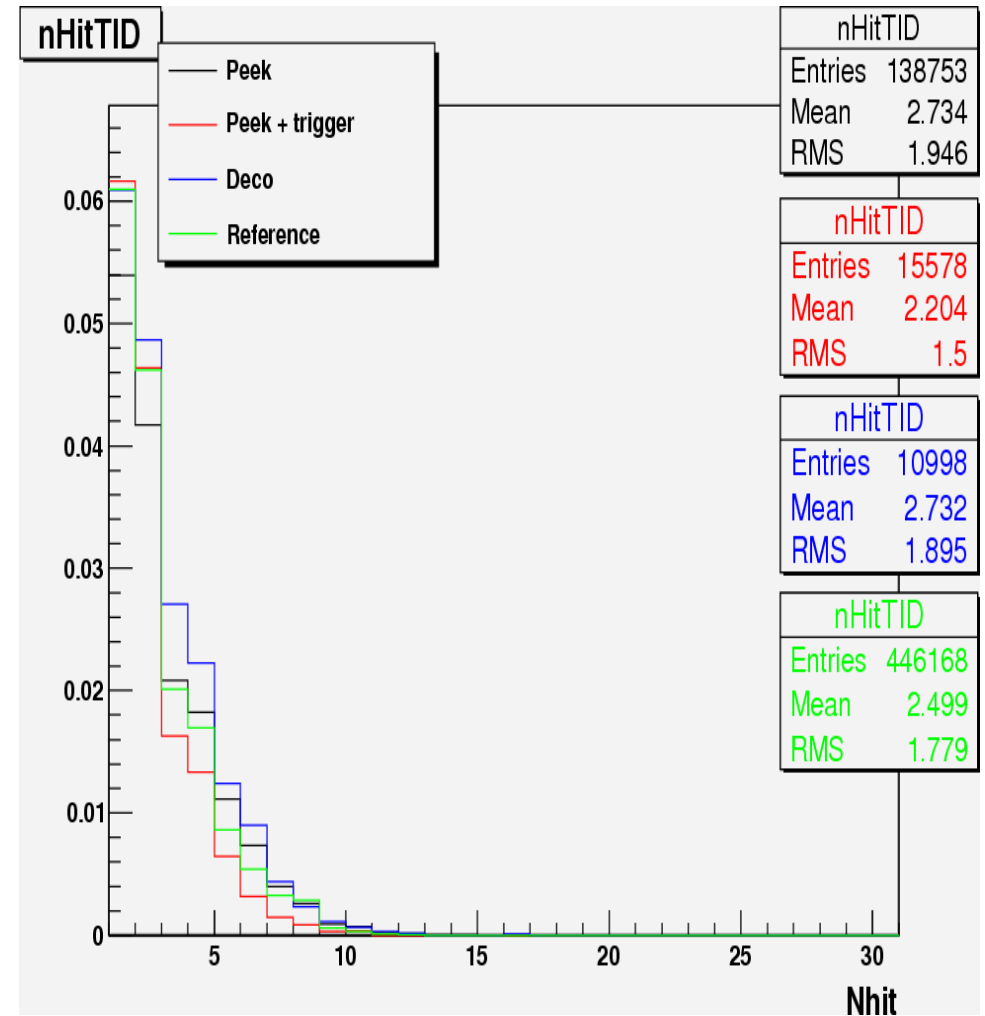
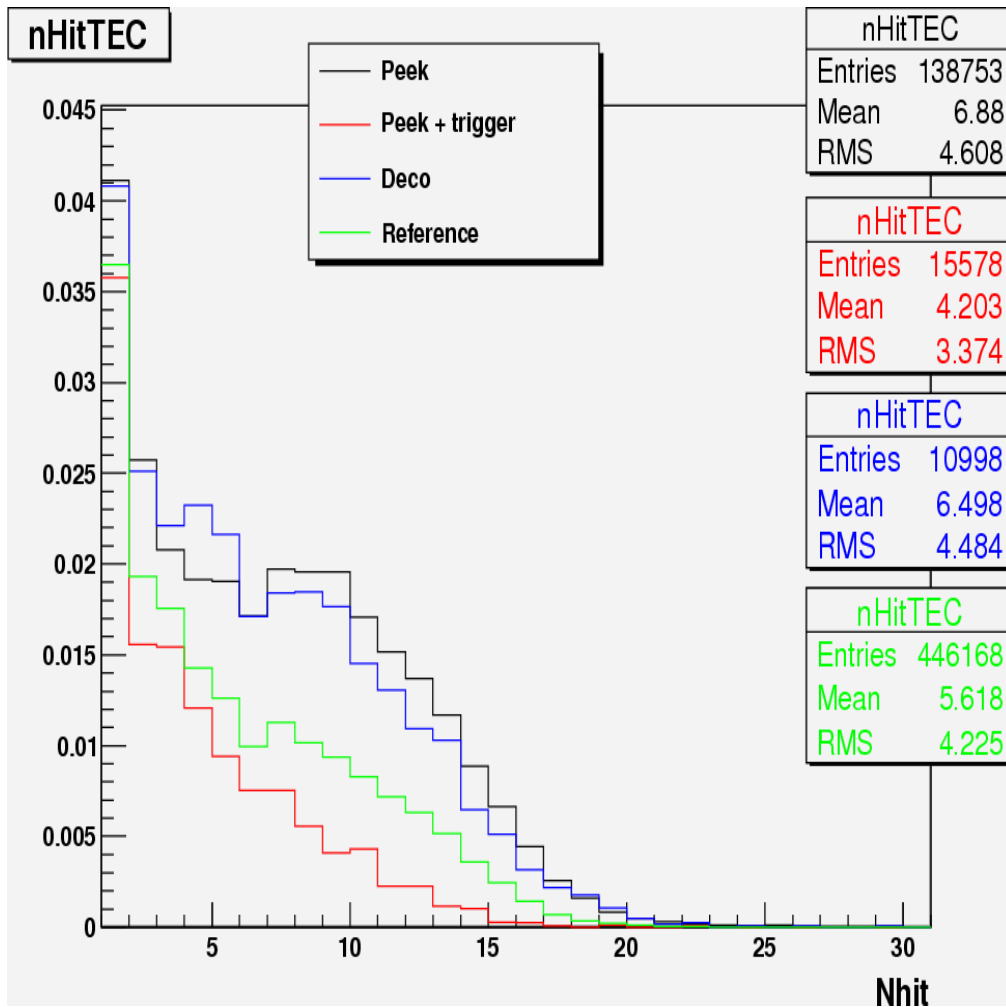
Number of Hits: BPIX & FPIX



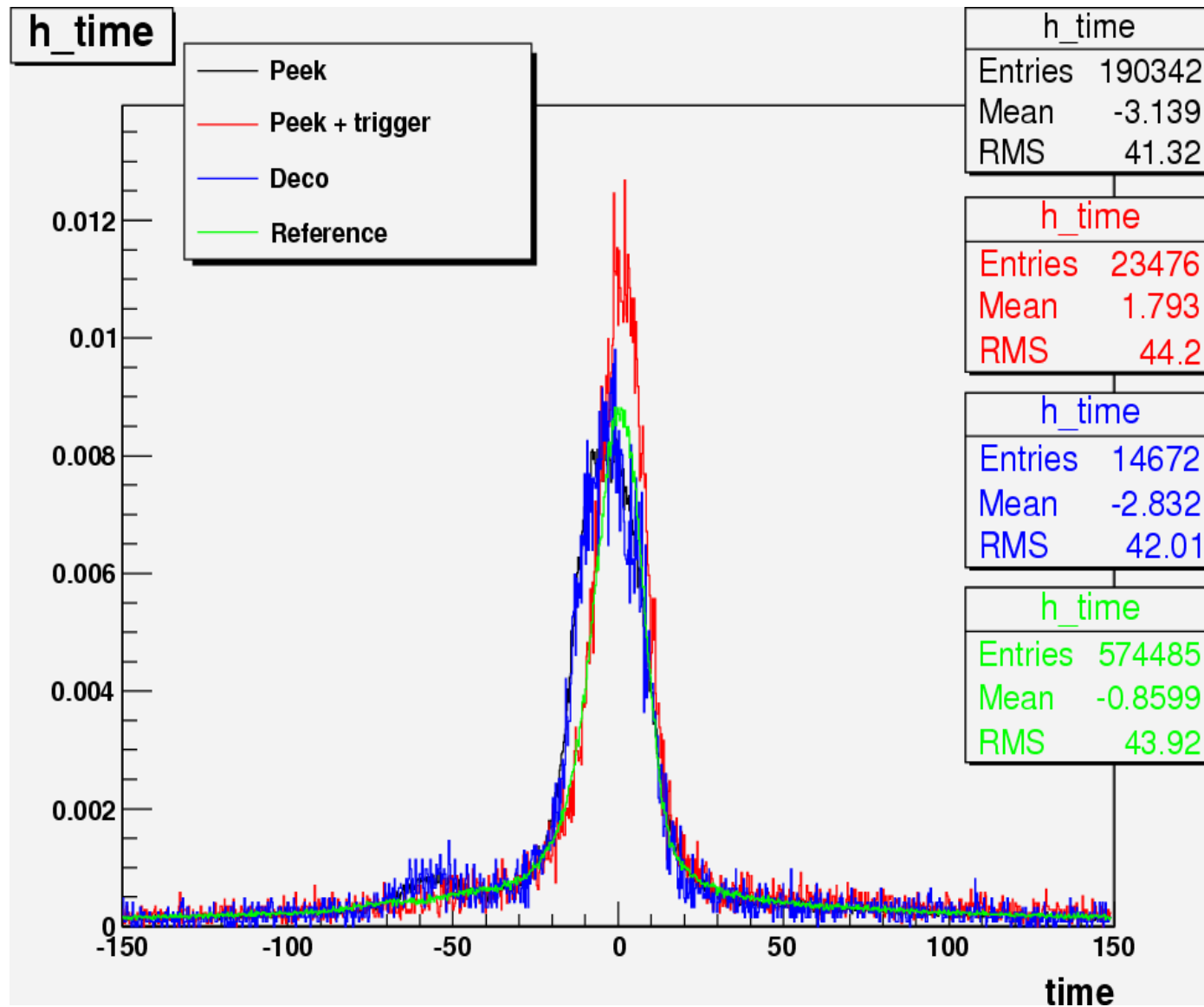
Number of Hits: TOB & TIB



Number of Hits: TEC & TID



Time all muons



Time – global muon

